

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**PATENT**

Application No.: Not yet assigned  
Filing Date: Herewith  
Applicant: Yasunao Okazaki et al.  
Group Art Unit: Not yet assigned  
Examiner: Not yet assigned  
Title: Dielectric Resonator Filter  
Attorney Docket: 5077-00045/COC

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Director of The United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**REFERENCE TO RECORDED ASSIGNMENT  
OF ORIGINAL APPLICATION**

This application is a continuation application of U.S. Application No. 09/864,020.  
A prior assignment of the original application is recorded in the U.S. Patent and Trademark Office at Reel 012123, Frame 0151 and a copy of the assignment is provided herewith. This assignment recorded against the original application gives the assignee rights to the subject matter common to both applications.

Respectfully submitted,

Dated: July 28, 2003

By: Greg Stobbs  
Gregory A. Stobbs  
Reg. No. 28,764

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
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9077-000045

6AS



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NOVEMBER 02, 2001

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HARNESS, DICKEY & PIERCE, P.L.C.  
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\*101833671A\*

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RECORDATION DATE: 08/30/2001

REEL/FRAME: 012123/0151  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
OKAZAKI, YASUNAO

DOC DATE: 08/20/2001

ASSIGNOR:  
OKAJIMA, MICHIO

DOC DATE: 08/20/2001

ASSIGNOR:  
ENOKIHARA, AKIRA

DOC DATE: 08/20/2001

ASSIGNOR:  
NAKAMURA, TOSHIAKI

DOC DATE: 08/20/2001

ASSIGNOR:  
TACHIBANA, MINORU

DOC DATE: 08/20/2001

ASSIGNOR:  
MINAMI, KUNIIHIKO

DOC DATE: 08/20/2001

012123/0151 PAGE 2

ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL  
CO., LTD.  
1006 KADOMA, KADOMA CITY  
OSAKA, JAPAN 571-8501

SERIAL NUMBER: 09864020  
PATENT NUMBER:

FILING DATE: 05/23/2001  
ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1619A  
Expires 06/30/99  
OMR 0651-0027

AUG 30 2001

09-05-2001

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101833671

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**Conveying Party(ies)**

☒ Mark if additional names of conveying parties attached

Name (line 1) Yasunao Okazaki

Execution Date  
Month Day Year  
08 20 2001

Name (line 2)

**Second Party**

Name (line 1) Michio Okajima

Execution Date  
Month Day Year  
08 20 2001

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Matsushita Electric Industrial Co., Ltd.

Name (line 2)

Address (line 1) 1006 Kadoma

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Address (line 3) Osaka

Japan

571-8501

City

State/Country

Zip Code

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09/31/2001 BTEFFERA 00000043 09864020

01 PD:581

40.00 OP

**Correspondent Name and Address**

Area Code and Telephone Number

248-641-1600

Name Gregory A. Stobbs

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Address (line 2) P.O. Box 828

Address (line 3) Bloomfield Hills, MI 48303

Address (line 4)

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**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/864,020

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

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# 1

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Fee Amount for Properties Listed (37 CFR 3.41):

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Gregory A. Stobbs

Name of Person Signing

Gregory Stobbs  
Signature

08/27/2001

Date

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Name (line 1) Akira Enokihara

Execution Date  
Month Day Year  
08 20 2001

Name (line 2)

Execution Date  
Month Day Year  
08 20 2001

Name (line 1) Toshiaki Nakamura

Name (line 2)

Execution Date  
Month Day Year  
08 20 2001

Name (line 1) Minoru Tachibana

Name (line 2)

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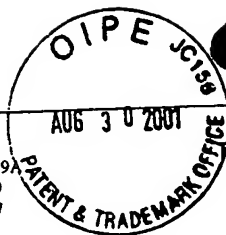
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Patent Number(s)


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Month Day Year

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Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

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**Patent Application Number(s)**

**Patent Number(s)**

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<input type="text"/>	<input type="text"/>	<input type="text"/>

Attorney Docket No. 5077-000045

## A S S I G N M E N T

WHEREAS, Yasunao OKAZAKI, Michio OKAJIMA, Akira ENOKIHARA, Toshiaki NAKAMURA, Minoru TACHIBANA, Kunihiko MINAMI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in DIELECTRIC RESONATOR FILTER

for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on May 23, 2001 having Serial No. 09/864,020; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.



The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: August 20, 2001, Yasunao Okazaki  
Yasunao OKAZAKI

Date: August 20, 2001, Michio Okajima  
Michio OKAJIMA

Date: August 20, 2001, Akira Enokihara  
Akira ENOKIHARA

Date: August 20, 2001, Toshiaki Nakamura  
Toshiaki NAKAMURA

Date: August 20, 2001, Minoru Tachibana  
Minoru TACHIBANA

Date: August 20, 2001, <sup>H.M.</sup> ~~Minami~~ Kunihiko Minami  
Kunihiko MINAMI

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_